

IRLZ44STRL Information


For Reference Only

Part Number [IRLZ44STRL](#)
Manufacturer Vishay Siliconix
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 60V 50A D2PAK
Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


IRLZ44STRL Specifications

Manufacturer Part Number	IRLZ44STRL
Manufacturer	Vishay Siliconix
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	60V
Current - Continuous Drain (I _d) @ 25°C	50A (T _c)
Drive Voltage (Max R _{ds On} , Min R _{ds On})	4V, 5V
V _{gs(th)} (Max) @ I _d	2V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	66nC @ 5V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	3300pF @ 25V
V _{gs} (Max)	±10V
FET Feature	-
Power Dissipation (Max)	3.7W (T _a), 150W (T _c)
R _{ds On} (Max) @ I _d , V _{gs}	28 mOhm @ 31A, 5V
Operating Temperature	-55°C ~ 175°C (T _J)
Mounting Type	Surface Mount
Supplier Device Package	D2PAK
Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB

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IRLZ44STRL Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

IRLZ44STRL Payment Methods



IRLZ44STRL Shipping Methods



If you have any question about IRLZ44STRL, please do not hesitate to contact us!

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